

FIG. 1

US01-03011 EP01-03011 CN01-03011 KR01-03011 TW01-03011

DISCHARGE
ELECTIVE-ERASE
S:

O: LIGHT EMISSION SF

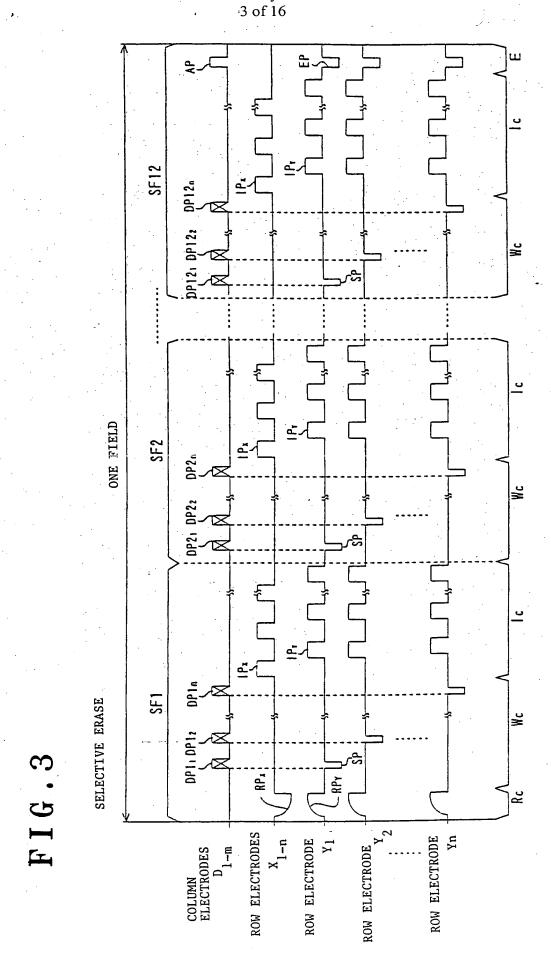
DISPLAY

				0	_	س	7	4	25	39	59	84	111	157	202	255
		SF	12	٠.	. · .								•		•	0
		SF	=			٠.									0	0
	25	SF	9	٠.										0	0	0
	PATTERN	SF	6							•	•		0	O	0	0
٠		SF	æ						-		•	0	Ö	0	0	0
	DRIVE	SF	7							•	Ō	0	Ō	0	0	0
		SF	9						•	0	0	0	0	O	0	o.
	3101	SF	5				-		0	\circ	\circ	\circ	\circ	0	\overline{O}	0
	EMISSION		4						0	0			$\hat{\Box}$		0	0
		SF S	0				0			\sim	0	0	\circ	0	0	0
,	LIGHT	SFS	.					\sim	, 0	\sim			0	0	0	0
	1		2			0	0	0	0	0	0	.O.	. •	-	_	_
		S.		_	0	<u> </u>	0	0	0	0	0	0	0	0	0	0
•			2	0	0	0	0	0	0	0	0	0	0	0		0
			=	0	0	0	0	0	0	0	0	0	0	, -	0	0
		-	의	0	0	0	0	0	0	0	0	0	-	0	0	0
			6	0	0	0	0	0	0	0	0	-	0	0	0	0
			æ	,0	0	0	0	0	0	0	_	0	0	0	0	0
			_	0	0	0	0	0	0		0	0	.0	0	0	0
	TABLE	۵	9	0	0	0		0	_	0	0	0	0	0	0	0
		CD	S.	0	0	0	0	_	. 0	0	0	0	0	0	0	0
	SIO		4	0	0	0	_	0	0	0	0	0	0	0	0	0
	NVERSION		۳,	0	0	_	0	0	0	0	0	0	0	0	0	0
	CON		7	0.	_	0	0	0	0	0	0	0	0	0	0	0
			-	_	0	0	0	0	0	0	0	0	0	0	0	0
		PDs		0000	1000	0010	0011	0010	0101	0110	01111	1000	1001	1010	1011	1100
	l				7	_د	4	2	9	7		6	0.1	=	12	13

FIG.

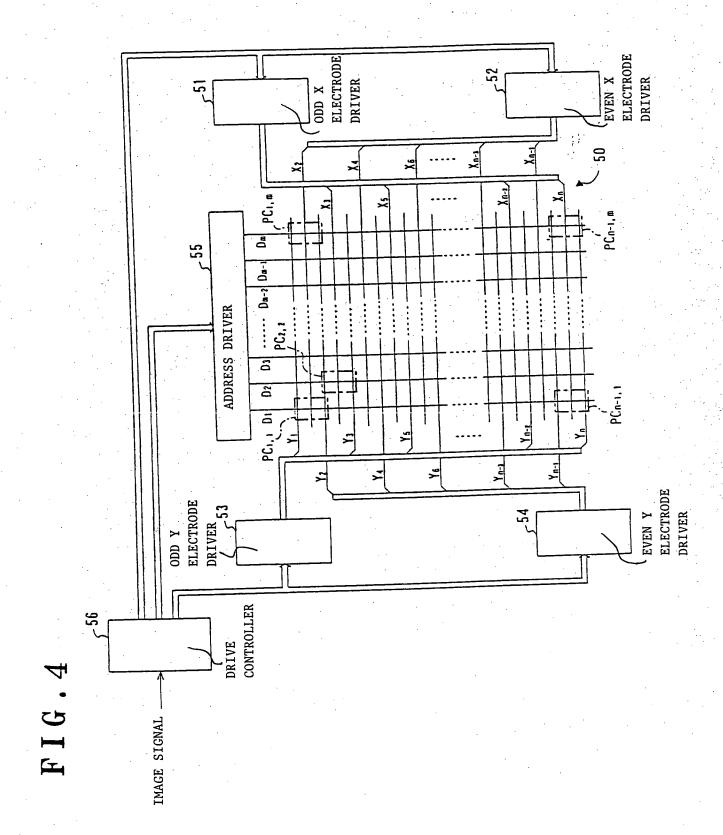
GRADATION ~

Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909

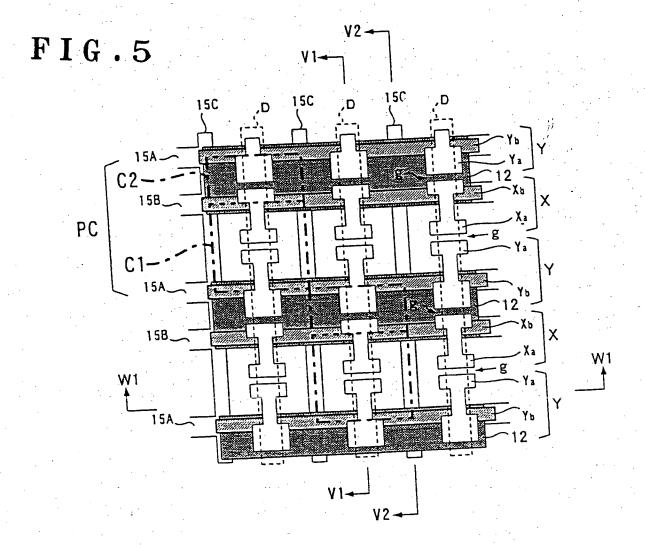


Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 4 of 16

US01-03011 TP01-03011 CN01-03011 KR01-03011 TW01-03011



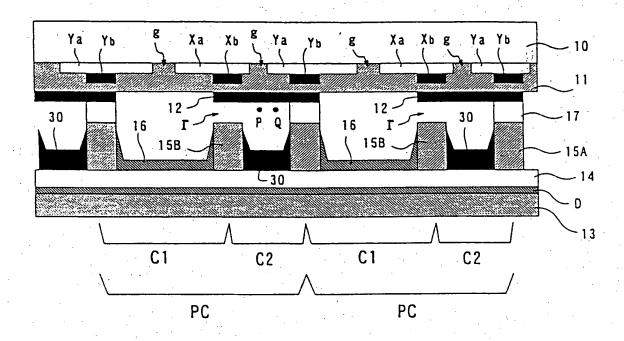
Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 5 of 16



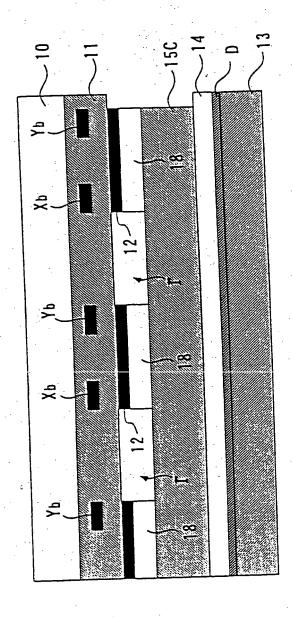
Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 6 of 16 US01-03011 'EP01-03011 'CN01-03011 KR01-03011 TW01-03011

FIG.6

V1-V1



Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 7 of 16



V2 - V2

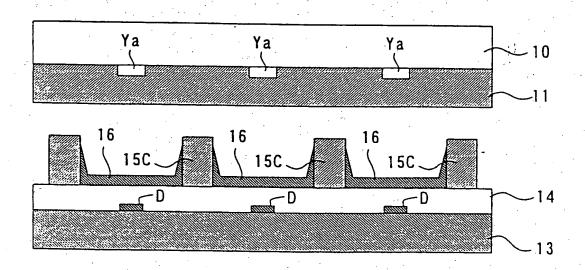
FIG. 7

Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 8 of 16

US01-03011 EP01-03011 CN01-03011 KR01-03011

FIG.8

W1 - W1



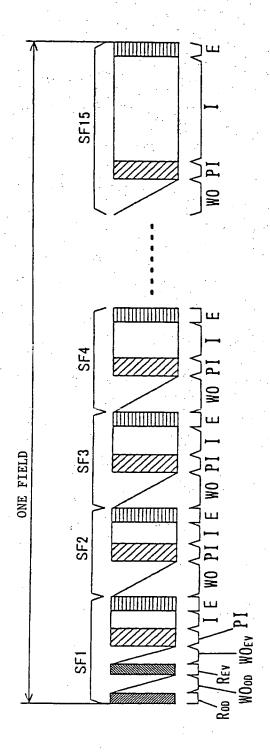
Kazuo YAHAGI, et al. Q77704
DISPLAY AND DISPLAY.....
Filing Date: October 3, 2003
Darryl Mexic 202-663-7909
9 of 16

US01-03011 EP01-03011 CN01-03011 KR01-03011 TW01-03011

							· ·	•					- i			 ;			7	•	
ſ	SF							1										0	1		
	SF	=					1	.								-	0	0	- 1	SUSUTAIN DISCHARGE	
	SF												ļ			0	0	0	- 1	SCH/	
	SF	7													0	0	0	0	- 14	IN DISCHEMISSION	
	SF	≓	ŀ							.				0	0	0	0	- 1	- 1	rain r em	i •
١	SF	2								.			0	0	0	0	0	- [- 1	SUSUTA	1
	SF	٥			,			-			• •	0	0	0	0	0	0			+	•
	PATTERN SF SF	8								·	0	0	0	0	0	0	0	- 1	ı	RGE	
	PAT'	~								0	0	0	0	0	0	0	0	- 1		DISCHARGE	
	ON SF	ای			1				0	0	0	0	0	0	0	0	0		⋑		
	EMISSION SF SF SF	2		-				0	0	0	0	0	0	0	1	0	1	- 1	9	: WRITING ADDRESS	
,		4		.			0	0	0	0	0	0	0	i	ŀ	1		- 1	9	ADDI	
	LIGHT	m				0	0	0	0	0	0	0	-1		i i	1	- I	1	0 0	ENG	
	1, 7,	5~	4.4.		0	0	0	© .	0	0	0	1	. _		l _	- 1	- 1	- 1) ()	RIT]	
	ų,	5 -		0	0	0	0	0	0	0	@		+-	_		+) -	=		
. •		4 15	0 0	0 0	0 0	0	0 0	0 0	0 0	0 0	0 0	0	-	=	, c	, -	> ·	- -	_	0	
		10 11 12 13 14 15	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	,	· -	, -	- -	- :	- - -	_		
		1 12	0 0	0	0	0 0	0 0	0 0	0 0	0	0	1.	, -	- -	- -	- -			_		
			0 0	0 0	0 0	0	0 0	0 0	0 0	00	0	- 1	t t	- -	- 1	- 1	-	_		8 1 1	
	TABLE	60 78 9	0 0	0 0	0 0	0 0	0 0	0 0	0		-	ł		- -	1	- 1		-	-	0 OR	
		5 6 7	0 0	0 0	0 0	0 0	0	=		-				- -	- -	- -	-	-	_	0 · *	
•	RSIO	3 4	0	0	0	-	-	-	-		: =	- -	- -	- -	- - -	_ -	-	_	_		
	CONVERSION	1 2	9	<u> -</u>	_	_	_	<u> </u>	<u> </u>	-	- -	- -	- -	- -	- -		\exists	-	1		
	18	PDS	0000	0001	0010	0011	0100	0101	110	111	1000		1001	1010	101	1100	1101	1110	1111		
		۵	0		- 1		- 1			-	+-		1	1		-			-	-	
			E C	FINOT	DECOND	THING		FIFTE	0110	VEN	ЕІСНТН	NINTH	TENTH	ELEVENTH	TWELFTH						
		<u> </u>	Ē	r r	Z E			1 9	۱	S	EIC	Z	F	EL	3	$\overline{\leftarrow}$	7	+	!	۱.	
																THIRTEENTH	FOURTEENTH	T G	HINTHIATA	NTH	
	rion	`														IRTE	JRTE	1	1111	SIXTEENTH	
	GRADATION	DRIVE														THI	FOI		⊣	SI	
	Š	DF																			

Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 10 of 16

US01-03011 EP01-03011 CN01-03011 KR01-03011



Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 11 of 16 US01-03011 EP01-03011 CN01-03011 KR01-03011

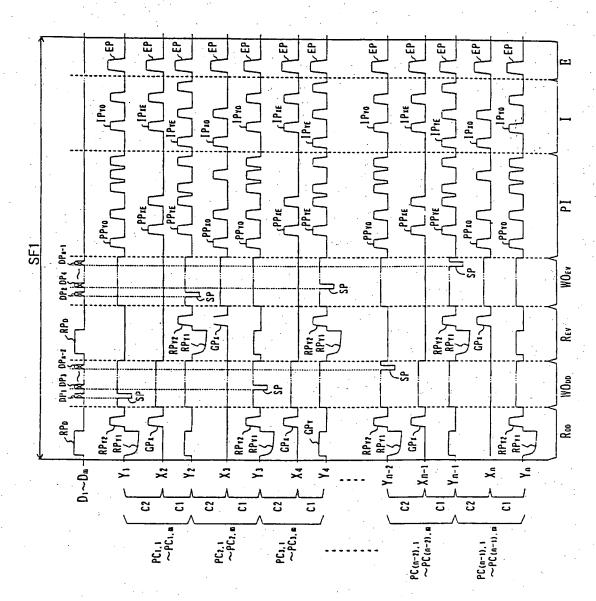
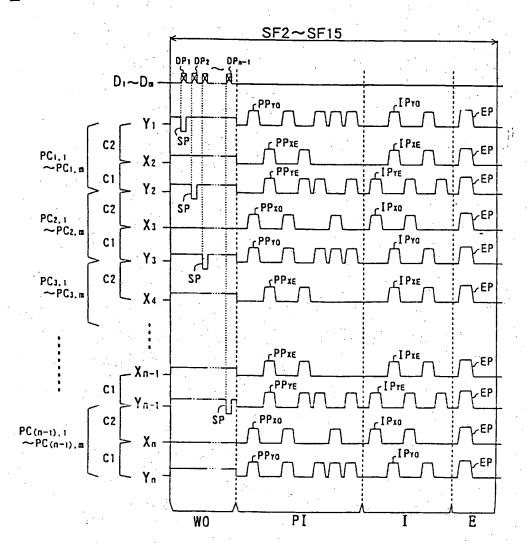


FIG. 11

Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 12 of 16

US01-03011 EP01-03011 -CN01-03011 KR01-03611



Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 13 of 16

US01-03011
EP01-03011
CN01-03011
KR01-03011
TW01-03011

O: SUSTAIN DISCHARGE LIGHT EMISSION

ERASE ADDRESS

GRADATION		00	CONVERSION TABLE LIGHT EMISSION PATTERN	RN
OPERATION		PDS	٠,	SF SF SF SF SF SF SF 9 10 11 12 13 14 15
	FIRST	0000	•	
•	SECOND	0001	010000000000000000000000000000000000000	
	THIRD	0010	001000000000000000000000000000000000000	
•	FOURTH	0011	0001000000000000	
	FIFTH	0100		
	SIXTH	0101		
	SEVENTH	0110		
	ЕІСНТН	0111		
	NINTH	1000	000000000000000000000000000000000000000	
	TENTH.	1001		• 0
	ELEVENTH 101	1010 ₁		• 0 0
	TWELFTH	1011	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• 0 0 0
THIRTEENTH	3	1100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• 0 0 0 0
FOURTEENTH	7	1101		• 0 0 0 0 0
FIFTEENTH,	Į	1110		• 0 0 0 0 0 0
SIXTEENTH	7	1111		0000000

FIG. 13

Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 14.of 16

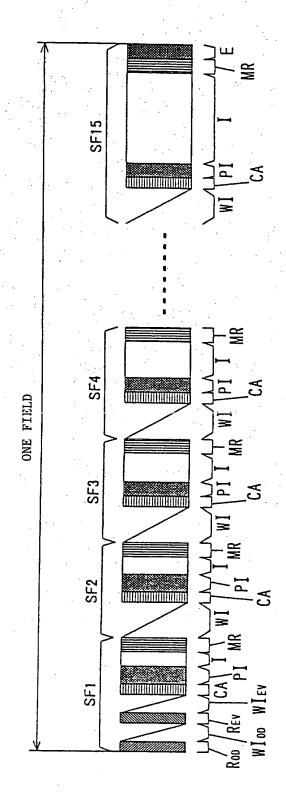


FIG. 14

Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909

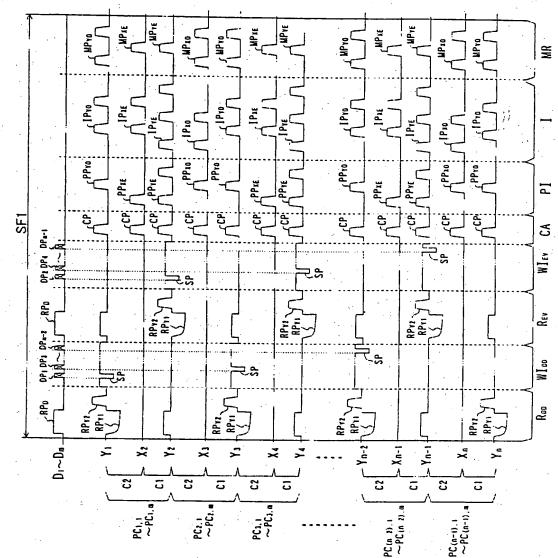
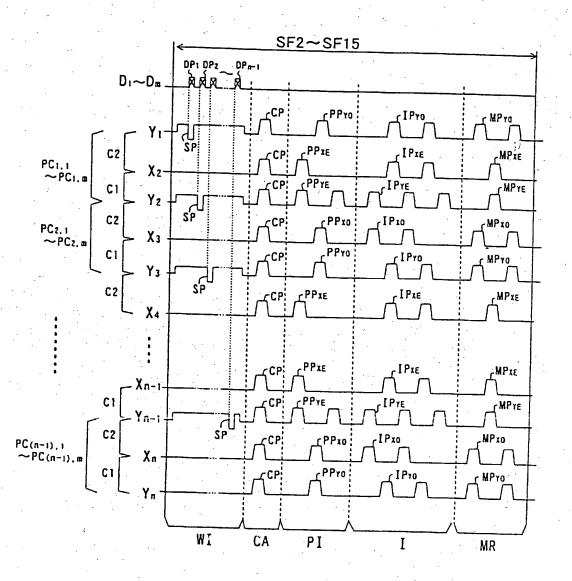
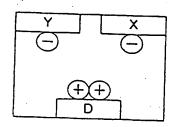


FIG. 15

Kazuo YAHAGI, et al. Q77704 DISPLAY AND DISPLAY..... Filing Date: October 3, 2003 Darryl Mexic 202-663-7909 16 of 16

US01-03011 EP01-03011 CN01-03011 -KR01-03011 TW01-03011





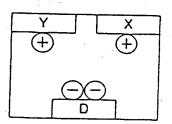


FIG. 17A FIG. 17B.